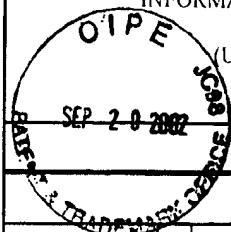


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|--|--|--|------------------|----------------------------|--------------------------|
| Form PTO-1449 | | U.S. Department of Commerce Patent and Trademark Office | | Atty. Docket No. P22129 | Serial No. 10/070,434 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(Use several sheets if necessary)</small> | | Applicant Shigeo TAKADA et al. | | | |
| | | Filing Date March 19, 2002 | Group Unknown | | |


FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | | | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO |
|------------|-----|-----------------|---|---|------|---------|----------|----------|----------------------------|
| <i>YAD</i> | 6 | - | 3 | 3 | 6 | 4 2 7 | 12/06/94 | JAPAN | <i>ABS</i> |
| | 5 | - | 3 | 1 | 0 | 5 8 1 | 11/22/93 | JAPAN | |
| | 9 | 8 | / | 3 | 9 | 9 7 7 | 09/17/98 | W.I.P.O. | |
| | 20 | 0 | 0 | - | 7 | 2 6 8 0 | 03/07/00 | JAPAN | |
| | 200 | 0 | - | 2 | 3 | 9 1 7 1 | 09/05/00 | JAPAN | |
| | 1 | 0 | 1 | 3 | 0 | 1 5 3 | 05/19/98 | JAPAN | |
| | 9 | - | 2 | 2 | 7 | 3 8 8 | 09/02/97 | JAPAN | |
| | 7 | - | 2 | 3 | 3 | 0 6 1 | 09/05/95 | JAPAN | |
| | 0 | 1 | / | 2 | 1 | 6 1 2 | 03/29/01 | W.I.P.O. | |
| | 0 | 1 | / | 2 | 1 | 6 1 3 | 03/29/01 | W.I.P.O. | |
| | 2 | - | 1 | 1 | 9 | 7 6 2 | 05/07/90 | JAPAN | |
| <i>YAD</i> | 3 | - | 2 | 6 | 4 | 5 2 5 | 11/25/91 | JAPAN | <i>ABS</i> |
| <i>YAD</i> | 5 | - | 2 | 3 | 6 | 9 0 9 | 09/17/93 | JAPAN | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | | |
|------------|----|--|------------------------------|
| <i>YAD</i> | 1 | English Language Abstract of JP 6-336427. | <i>RECEIVED</i> |
| | 2 | English Language Abstract of JP 5-310581. | |
| | 3 | English Language Abstract of JP 2000-72680. | <i>01-24-2002</i> |
| | 4 | English Language Abstract of JP 2000-239171. | |
| | 5 | English Language Abstract of JP 10-130153. | <i>TECH CENTER 1600/2900</i> |
| | 6 | English Language Abstract of JP 9-227388. | |
| | 7 | English Language Abstract of JP 7-233061. | |
| | 8 | English Language Abstract of JP 2-119762. | |
| <i>YAD</i> | 9 | English Language Abstract of JP 3-264525. | |
| <i>YAD</i> | 10 | English Language Abstract of JP 5-236909. | |

EXAMINER

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10/13/04

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| Form PTO-1449 | | U.S. Department of Commerce Patent and Trademark Office | | | | | | | Atty. Docket No. P22129 | Serial No. 10/070,434 | | | |
|--|-------------------|--|---|---|---|---|---|-----------------|-----------------------------------|--------------------------|----------|----------------------------|----------------------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) | | | | | | | | | Applicant Shigeo TAKADA et al. | | | | |
| | | | | | | | | | Filing Date March 19, 2002 | Group 1615 | | | |
| U.S. PATENT DOCUMENTS | | | | | | | | | | | | | |
| EXAMINER INITIAL | DOCUMENT NUMBER | | | | | | | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE | |
| SG | 2003 | /0 | 0 | 8 | 3 | 3 | 6 | 8 | 05/01/03 | MURAYAMA et al. | | | |
| SG | 2003 | /0 | 0 | 7 | 2 | 7 | 3 | 5 | 04/17/03 | MURAYAMA et al. | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | | | | | | | |
| | | DOCUMENT NUMBER | | | | | | | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO |
| SG | 0 | 1 | / | 1 | 0 | 4 | 5 | 1 | 02/15/01 | W.I.P.O. | | | ABS |
| | | 1 | 2 | 1 | 3 | 0 | 2 | 1 | 06/12/02 | E.P.O. | | | |
| | | 1 | 2 | 1 | 9 | 6 | 1 | 6 | 07/03/02 | E.P.O. | | | |
| | | 1 | 2 | 1 | 9 | 6 | 1 | 7 | 07/03/02 | E.P.O. | | | |
| | 0 | 1 | / | 2 | 4 | 8 | 0 | 2 | 04/12/01 | W.I.P.O. | | | ABS |
| | | 1 | 2 | 1 | 9 | 2 | 9 | 7 | 07/03/02 | E.P.O. | | | |
| | 0 | 1 | / | 5 | 4 | 7 | 0 | 5 | 08/02/01 | W.I.P.O. | | | A'35 |
| | 0 | 1 | / | 3 | 9 | 7 | 8 | 2 | 06/07/01 | W.I.P.O. | | | ABS |
| | 02 | / | 0 | 5 | 5 | 0 | 9 | 1 | 07/18/02 | W.I.P.O. | | | ABS |
| | | 1 | 3 | 5 | 8 | 8 | 8 | 5 | 11/05/03 | E.P.O. | | | |
| | 02 | / | 0 | 5 | 5 | 0 | 9 | 0 | 07/18/02 | W.I.P.O. | | | A'35 |
| | | 1 | 3 | 5 | 8 | 8 | 8 | 4 | 11/05/03 | E.P.O. | | | |
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| | | 1 | 3 | 6 | 2 | 5 | 9 | 4 | 11/19/03 | E.P.O. | | | |
| | 02 | / | 0 | 7 | 2 | 5 | 3 | 1 | 09/19/02 | W.I.P.O. | | | ABS |
| ↓ | | 1 | 3 | 7 | 8 | 5 | 0 | 2 | 01/07/04 | E.P.O. | | | |
| SG | 02 | / | 0 | 7 | 4 | 8 | 3 | 5 | 09/26/02 | W.I.P.O. | | | ABS |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | | | | | | | |
| EXAMINER | <i>Yuri Saito</i> | | | | | | | DATE CONSIDERED | 10/13/04 | | | | |
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